

030691.0008.CON1

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

## APPLICANT:

Buechler, et al.

## FILING DATE:

October 12, 2000

## GROUP:

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
gfg	AA	4,727,019	02/23/88	Valkirs, et al.			
gfg	AB	5,458,852	10/17/95	Buechler, et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	AC	<del>3922873</del>	<del>12.07.89</del>	<del>Germany (Katus, et al.)</del>			
	AD	<del>0394819</del>	<del>18.04.90</del>	<del>EPO (Katus, et al.)</del>			
gfg	AE	2248688	14.04.92	GB(Jackowski)			
	AF	<del>4243648</del>	<del>23.12.92</del>	<del>Germany (Lill, et al.)</del>			
	AG	<del>4405249</del>	<del>23.02.93</del>	<del>Germany (Larue, et al.)</del>			
	AH	<del>2116066</del>	<del>02.21.94</del>	<del>Canada (Larue, et al.)</del>			
gfg	AI	9413774	23.06.94	WO/PCT (Powell, et al.)			
gfg	AJ	2275774	07.09.94	UK (Larue, et al.)			
gfg	AK	9427156	24.11.94	WO/PCT (Wicks, et al.)			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

gfg	AL	Adams, et al., "Comparable Detection of Acute Myocardial Infarction by Creatine Kinase MB Isoenzyme and Cardiac Troponin I," Clin. Chem. 40:1291-1295 (1994)
	AM	Anderson, et al., "Troponin T Isoform Expression in Humans," Circul. Res. 69:1226-1233 (1991)

EXAMINER:

Dorlene B. Patel

DATE CONSIDERED:

9/17/01

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<b>FORM PTO-1449</b>	<b>ATTY. DOCKET NO.</b> 030691.0008.CON1	<b>SERIAL NO.</b>
<b>LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>APPLICANT:</b> Buechler, et al.	
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gng	AN	Ball, et al., "Isoform Specific Interactions of Troponin I and Troponin C Determines pH Sensitivity of Myofibrillar Ca <sup>2+</sup> Activation," <u>Biochem.</u> 33:8464-8471 (1994)
gng	AO	Bhavsar, et al., "Development expression of troponin I isoforms in fetal human heart," <u>FEBS Letters</u> 292:5-8 (1991)
gng	AP	Bhayana, et al., "Discordance Between Results for Serum Troponin T and Troponin I in Renal Disease," <u>Clin. Chem.</u> 41:312-317 (1995)
gng	AQ	Blechner, et al., "4Ca <sup>2+</sup> Troponin C Forms Dimers in Solutions at Neutral pH that Dissociate upon Binding Various Peptides: Small-Angle X-ray Scatterin Studies of Peptide-Induced Structural Changes," <u>Biochem.</u> 31:11326-11334 (1992)
gng	AR	Bodor, et al., "Development of Monoclonal Antibodies for an Assay of Cardiac Troponin-I and Peliminary Results in Suspected Cases of Myocardial Infarction," <u>Clin. Chem.</u> 38:2203-2214 (1992)
	AS	<del>Borrebaeck, ed., Index, Antibody Engineering: A Practical Approach, Oxford University Press, Oxford (1995)</del>
gng	AT	Burtnick, et al., "The isolation and characterization of the tropomyosin binding component (TN-T) of bovine cardiac troponin," <u>Can. J. Biochem.</u> 54:546-553 (1976)
gng	AU	Byers, et al., "Hydrodynamic Properties of Bovine Cardiac Troponin-I and Troponin-T*," <u>J. Biol. Chem.</u> 258:2951-2954 (1983)
	AV	<del>Chomczynski and Sacchi, "Single-step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction," <u>Analytical Bio</u> 162: 156-159 (1987)</del>
gng	AW	Collins, et al., "Early Diagnosis of Acute Myocardial Infarction with Use of a Rapid Immunochemical Assay of Creatine Kinase MB Isoenzyme," <u>Clin. Chem.</u> 39:1725-1728 (1993)
gng	AX	Cummins, et al., "Cardiac Specific Troponin-I Radioimmunoassay in the Diagnosis of Acute Myocardial Infarction," <u>American Heart Journal</u> 113:1333-1344 (1987)
	AY	<del>Glaser, et al., "Antibody Engineering by Codon-Based Mutagenesis in a Filamentous Phage Vector System," <u>J. Immunology</u> 149:3903-3913 (1992)</del>
	AZ	<del>Harlow and Lane, Index, Antibodies, A Laboratory Manual, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY (1988)</del>
gng	BA	Horwitz et al., "Interaction of Troponin Subunits," <u>J. Biol. Chem.</u> 254:350-355 (1979)

EXAMINER: <i>Gaylene B. Brehl</i>	DATE CONSIDERED: <i>9/17/01</i>
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gng	BB	Huse, et al., "Application of a Filamentous Phage pVIII Fusion Protein System Suitable for Efficient Production, Screening and Mutagenesis of F9ab) Antibody Fragments," <u>J. Immunol.</u> 149:3914-3920 (1992)
	BC	Kabat, et al., <u>Sequences of Proteins of Immunological Interest - Volume II</u> , 5th edition, U.S. Department of Health and Human Services, Publish Health Service- National Institutes of Health, 1250-1312, 1350-1460 and 1571-1588 (1991)
gng	BD	Katus, et al., "Diagnostic Efficiency of Troponin T Measurements in Acute Myocardial Infaction," <u>Circulation</u> 83:902-912 (1991)
gng	BE	Katus, et al., "Intracellular Compartmentation of Cardiac Troponin T and Its Release Kinetics in Patients with Reperfused and Nonreperfused Myocardial Infarction," <u>Am. J. Cardiol.</u> 67:1360-1367 (1991)
gng	BF	LaRue, et al., "New Monoclonal Antibodies as Probes for Human Cardiac Troponin I: Epitopic Analysis with Synthetic Peptides," <u>Molecular Immunology</u> 29:271-278 (1992)
gng	BG	Leavis, et al., "Calcium Binding to Cardiac Troponin C 1,2," <u>Arch. Biochem. Biophys.</u> 186:411-415 (1978)
gng	BH	Liao, et al., "Coupling of Calcium to the Interaction of Troponin I with Troponin C from Cardiac Muscle," <u>Biochem.</u> 33:12729-12734 (1994)
gng	BI	MacGeoch, et al., "The human cardiac troponin I locus: assignment to chromosome 19p13.2-19q13.2," <u>Hum. Genet.</u> 88:101-104 (1994)
gng	BJ	Metzger, et al., "Skeletal troponin C reduces contractile sensitivity to acidosis in cardiac myocytes from transgenic mice," <u>Proc. Natl. Aca. Sci. USA</u> 90:9036-9040 (1993)
gng	BK	Olah, et al., "A Model Structure of the Muscle Protein Complex 4Ca <sup>2+</sup> TroponinC Troponin I Derived From Small-Angle Scattering Data: Implications for Regulation," <u>Biochem.</u> 33:12800-12806 (1994)
gng	BL	Olah, et al., "Troponin I Encompasses and Extended Troponin C in the Ca <sup>2+</sup> - Bound Complex: A Small- Angle X-ray and Neutron Scattering Study," <u>Biochem.</u> 33:8233-8239 (1994)
gng	BM	Pearlstone, et al., "Effects of Troponin-I Plus-C on the Binding of Troponin -T and its Fragments to Tropomyosin," <u>J. Biol. Chem.</u> 258:2534-2542 (1983)
gng	BN	Pearlstone, et al., "The interaction of rabbit skeletal muscle troponin-T fragments with troponin-I," <u>Can. M. Biochem. Cell. Biol.</u> 63:212-218 (1985)
gng	BO	Pluskal, et al., "Immunobilon PVDF Transfer Membrane: A new Membrane Substrate for Western Blotting of Proteins," <u>BioTechniques</u> 4:272-283 (1986)

<b>EXAMINER:</b> Gailene B. Buechler	<b>DATE CONSIDERED:</b> 9/17/01
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808	BP	Potter, "Preparation of Troponin and Its Subunits," <u>Methods in Enzymology</u> 85:241-263 (1982)
808	BQ	Sai-Ming Ngai, et al., "Biologically Important Interactions between Synthetic Peptides of the N-Terminal Region of Troponin I and Troponin C*," <u>J. Biol. Chem.</u> 267:15615-15723 (1992)
808	BR	Schreier, et al., "Cloning, Structural Analysis, and Expression of the Human Slow Twitch Skeletal Muscle/Cardiac Troponin C Gene*," <u>J. Biol. Chem.</u> 265:21247-21253 (1990)
	BS	Silver, et al., "Modulation of vascular and cardiac contractile protein regulatory mechanisms by calmodulin inhibitors and related compounds," <u>Chemical Abstracts</u> 105:72-73 at abstract no. 108490k (1986)
	BT	Steiner, et al., "The interaction of melittin with troponin C," <u>Chemical Abstracts</u> 107:263 at abstract No. 196471 (1987)
808	BU	Stull, et al., "Phosphorylation of Cardiac Troponin by Cyclic Adenosine 3':5'-Monophosphate-dependent Protein Kinase*," <u>J. Biol. Chem.</u> 252:851-857 (1977)
808	BV	Townsend, et al., "Human Cardiac Troponin T: Identification of Fetal Isoforms and Assignment of the TNNT2 Locus to Chromosome 1q," <u>Genomics</u> 22:311-316 (1994)
808	BW	Vallins, et al., "Molecular cloning of human cardiac troponin I using Polymerase chain reaction," <u>FEBS Letters</u> 270:57-61 (1990)
808	BX	Wilkinson, et al., "Comparison of amino acid sequence of troponin I from different striated muscles," <u>Nature</u> 271:31-35 (1978)
808	BY	Wu, et al., "Creatine Kinase MB Isoforms in Patients with Skeletal Muscle Injury: Ramifications for Early Detection of Acute Myocardial Infaction," <u>Clin. Chem.</u> 38:2396-2400 (1992)
808	BZ	Zabel, et al., "Analysis of Creatine Kinase, CK-MB, Myoglobin, and Troponin T Time-Activity Curves for Early Assessment of Coronary Artery Reperfusion After Intravenous Thrombolysis," <u>Circulation</u> 87:1542-1550 (1993)
808	CA	Zot, et al., "Structural Aspects of Troponin-Tropomyosin Regulation of Skeletal Muscle Contraction," <u>Am. Rev. Biophys. Chem.</u> 16:535-559 (1987)

EXAMINER:

Anilene B. Gishel

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